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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 17780.5-2012

Replacing GB/T 17780-1999

**Textile machinery -- Safety requirements -- Part 5: Preparatory
machinery to weaving and knitting**

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Foreword

GB/T 17780 "Safety requirements for textile machinery" is divided into seven parts.

- Part 1. General requirements;
- Part 2. Spinning preparatory and spinning machinery;
- Part 3. Nonwoven machinery;
- Part 4. Yarn processing machinery and ropes;
- Part 5. weaving and knitting preparatory machinery;
- Part 6. Weaving machinery;
- Part 7. Dyeing and finishing machinery.

This section GB/T 17780 Part 5.

This section drafted in accordance with GB/T 1.1-2009, rules GB/T 20000.2-2009 given.

17780-1999 "Textile machinery - Safety requirements" in part (Chapter 10) of this section GB/T 17780 instead of GB/T , not

It is replaced by the contents of the "General Requirements" section and the following five types of equipment related to the safety requirements. Spinning preparatory and spinning machinery, non-woven fabric

Machinery, yarns and ropes processing machinery, weaving, dyeing and finishing machinery. These elements will be separately incorporated GB/T 17780 in the first part and 1 to 4

Section 6-7.

This portion of the GB/T 17780-1999 "Textile machinery - Safety requirements" in Chapter 10, the main change compared to. as GB/T 17780

Part 5, an increase of 1 to 4, 6 and 7.

The partial modification of the use of ISO 11111-5.2005 "Textile machinery - Safety requirements - Part 5. weaving and knitting preparatory machinery."

This section according to ISO 11111-5:2005 redrafted. This part of ISO 11111-5:2005 is a technical difference between the reference

Relevant international and foreign standards to the corresponding national standards.

Normative references on the part of the technical differences have been adjusted to suit the application of specific adjustments are as follows.

- Equivalent to adoption of international standards instead of GB 5226.1-2008 IEC 60204-1:2000 [see 5.3.2a)];
- Equivalent to international standards with the GB/T 7111.1 instead of ISO 9902-1 (see Chapters 6 and 7);
- Equivalent to international standards with the GB/T 7111.5 instead of ISO 9902-5 (see Chapters 6 and 7);
- With a modified adoption of international standards of GB/T 17780.1-2012 instead of ISO 11111-1:2005 (see paragraph 1 to 7);
- Using identical with ISO 13857:2008 is replaced by GB 23821-2009 ISO 13852:1996 [see 5.2b) 1)].

For ease of use, this section made the following editorial changes.

- "This part of ISO 11111" to "GB/T 17780 in this section";
- Delete ISO 11111-5 foreword;
- Introduction to modify the ISO 11111-5 become part of the introduction.

This part is proposed by the China Textile Industry Association.

This part of the National Standardization Technical Committee Textile machinery and accessories (SAC/TC215) centralized.

This section drafted by. China Textile Machinery Association, the constant day Heavy Industries Co., Ltd., a Shanghai Textile Machinery Co., Ltd. Shao

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Introduction

International Standard ISO 11111-1 ~ 11111-7 by ISO /TC72 and CEN/TC214 jointly developed and based on "Vienna Association

Fixed "by, in order to facilitate the design and production of textile machinery apply the same safety standards.

GB/T 17780 is a complete supply to all those who care about the safety of textile machinery, textile machinery, such as designers, manufacturers, and system

Suppliers like to develop, but it is also the textile machinery users and security experts are concerned.

This section is in accordance with GB/T 15706.1-2007/ISO 12100-1.2003 Class C standard special provisions enacted.

GB/T 17780 relates to various parts of potentially important risk factor for the textile industry used textile machinery is present. Han standard content

Cover the scope of the various machines and the risk factors involved in the present.

When the provisions of the Class A or Class C standard content of B class is not the same standard shall prevail C class standards.

Risk factors for those machines or components in the GB/T 17780 not mentioned in the relevant sections of existence, the designer should be based on

GB/T 16856/ISO 14121 data about their risk assessments and proposed risk reduction methods.

This section requires the use and GB/T 17780.1 binding. As far as possible in accordance with the requirements of this part of the GB/T 17780.1 of Chapters 5 and

Chapter 6 for processing. GB/T 17780.1 Chapter 5 contains safety requirements for frequently occurring dangerous textile machinery to be taken and/or

Measures, GB/T 17780.1 Chapter 6 describes the major risk textile machinery special parts (such as rollers) and parts and corresponding safety requirements and /

Or measures, these security requirements and/or measures have been cited in this section.

Textile machinery - Safety requirements

Part 5. weaving and knitting preparatory machinery

1 Scope

GB/T 17780 provisions of this part of the major risk weaving and knitting preparatory machinery and the corresponding security/or measures.

This section applies to warping, beaming, sizing, warp yarn preparation and storage of machinery, equipment and related devices.

This part of GB/T 17780.1 combination.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the edition before apply to this article

Member. For undated references, the latest edition (including any amendments) applies to this document.

GB 5226.1-2008 Safety of machinery - Electrical machinery and electrical equipment - Part 1. General requirements (IEC 60204-1.

2005, IDT)

GB/T 7111.1 Textile machinery - Noise test code - Part 1. General requirements (GB/T 7111.1-2002,

eqv ISO 9902-1.2001)

GB/T 7111.5 Textile machinery - Noise test code - Part 5. weaving and knitting preparatory machinery (GB/T 7111.5-2002,

eqv ISO 9902-1.2001)

GB/T 17780.1-2012 Textile machinery - Safety requirements - Part 1. General requirements (ISO 11111-1.2005, MOD)

GB 23821-2009 Safety of machinery - Safety distances to prevent danger zones being reached on the lower limbs (ISO 13857.2008, IDT)

3 Terms and Definitions

Terms and definitions GB/T 17780.1 defined apply to this document.

4 main danger list

Weaving and knitting preparatory machinery common major risk also frequently occurs in other textile machinery and parts, these dangers are listed in

GB/T Chapters 5 and 6 17780.1-2012 in, see the specific section in Chapter 5 of the "general safety requirements." Woven and knitted quasi

Preparation of specific hazardous machinery, see Part 5 of this chapter, "special danger."

Before using this section, the main risk of a particular machine has been identified and